


|  <p align="center"><b>Financial Assistance Award</b></p> <p align="center"><b>DENALI COMMISSION</b><br/> <b>510 L Street, Suite 410</b><br/> <b>Anchorage, Alaska 99501</b><br/> <b>(907) 271-1414 (phone)</b><br/> <b>(907) 271-1415 (fax)</b><br/> <b>www.denali.gov</b></p> |                   | <b>Award Number</b>              | 01233-02   |  |                           |
|---|-------------------|----------------------------------|--|--|---------------------------|
|   |                   | <b>Award Title</b>               | High Penetration Hybrid Power System                                 |  |                           |
|   |                   | <b>Performance Period</b>        | January 1, 2010 through June 30, 2012                                |  |                           |
| <b>Authority</b><br>112 Stat 1854   |                   | <b>CFDA Number</b><br>90.100     |  | <b>Recipient Organization &amp; Address</b><br>UNIVERSITY OF ALASKA FAIRBANKS<br>Alaska Center for Energy and Power<br>PO BOX 757880<br>Fairbanks, AK 99775-7880 |                           |
| <b>Denali Commission Finance Officer Certification</b>  |                   | Ms. Jennifer Price<br>09/29/2011 |  | <b>Phone:</b> (907) 474-6264<br><b>Recipient DUNS #</b> 615245164 <b>TIN #</b> 926000147   |                           |
| <b>Cost Share Distribution Table</b>  |                   |                                  |  |  |                           |
| Accounting Code   | New Funding       |                                  | Prior Period Funding   |  | Total                     |
|   | Denali Commission | Other Contributors               | Denali Commission  | Other Contributors   |                           |
| 95670000AL  | \$0.00            |                                  | \$433,045.00   |  | \$433,045.00              |
|   | \$0.00            |                                  | \$0.00   |  | \$0.00                    |
|   | \$0.00            |                                  | \$0.00   |  | \$0.00                    |
|   | \$0.00            |                                  | \$0.00   |  | \$0.00                    |
|   | \$0.00            |                                  | \$0.00   |  | \$0.00                    |
|   |                   | \$0.00                           |  | \$0.00   | \$0.00                    |
|   |                   | \$0.00                           |  | \$0.00   | \$0.00                    |
|   |                   | \$0.00                           |  | \$0.00   | \$0.00                    |
|   |                   | \$0.00                           |  | \$0.00   | \$0.00                    |
| <b>Total</b>  | <b>\$0.00</b>     | <b>\$0.00</b>                    | <b>\$433,045.00</b>  | <b>\$0.00</b>  | <b>\$433,045.00</b>       |
| This Financial Assistance Award approved by the Federal Co-Chair of the Denali Commission constitutes an obligation of federal funding.   |                   |                                  |  |  |                           |
| Amended Award Conditions to the Financial Assistance Award between the Denali Commission and University of Alaska Fairbanks, Alaska Center for Energy and Power for High Penetration Hybrid Power System, Award No. 01233, Amendment 2  |                   |                                  |  |  |                           |
| Continued on the following pages.   |                   |                                  |  |  |                           |
| <b>Signature of Authorized Official - Denali Commission</b><br><br>Electronically Signed  |                   |                                  | <b>Typed Name and Title</b><br>Mr. Joel Neimeyer<br>Federal Co-Chair |  | <b>Date</b><br>09/28/2011 |

# AWARD ATTACHMENTS

UNIVERSITY OF ALASKA FAIRBANKS

01233-02

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1. Amended Award Conditions - High Penetration Hybrid Power System

***Award Conditions to the Financial Assistance Award  
Between the Denali Commission and University of Alaska Fairbanks, Alaska  
Center for Energy and Power  
For High Penetration Hybrid Power System  
Award No. 01233, Amendment 2  
September 2011***

All changes to the award conditions are noted below.

***1. Scope of Work***

This amendment provides approval for a requested budget adjustment to decrease the Equipment and Personnel budgets and increase the Contractual budget, as detailed below:

**Project Budget:**

| <i>Category</i>  | <i>Original Budget</i> | <i>Adjustment</i> | <i>Revised Budget</i> |
|--|------------------------|-------------------|-----------------------|
| Equipment  | \$277,064              | - \$6,798         | \$270,266             |
| Contractual (Installation/Electricity for Testing and Journal Publication) | \$11,045               | + \$20,000        | \$31,045              |
| Research Personnel   | \$90,603               | - \$13,202        | \$77,401              |
| Travel   | \$3,752                | \$0               | \$3,752               |
| Indirect   | \$50,581               | \$0               | \$50,581              |
| Totals   | \$433,045              |                   | \$433,045             |

***2. Award Performance Period***

The amended Award performance period is January 1, 2010 through June 30, 2012. This is the period during which Award recipients can incur obligations or costs against this Award.

There are no other changes to the original Financial Assistance Award, as amended.